

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/644, 052B  
Source: JFW16  
Date Processed by STIC: 11/01/2006

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 11/01/2006

PATENT APPLICATION: US/10/644,052B

TIME: 12:14:57

Input Set : A:\C1037.70048US00.revised.ST25.txt

Output Set: N:\CRF4\11012006\J644052B.raw

3 <110> APPLICANT: Krieg, Arthur M  
 4 Samulowitz, Ulrike  
 5 Vollmer, Joerg  
 6 Uhlmann, Eugen  
 7 Jurk, Marion  
 8 Lipford, Grayson  
 9 Rankin, Robert  
 11 <120> TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS  
 13 <130> FILE REFERENCE: C1037.70048US00  
 15 <140> CURRENT APPLICATION NUMBER: US 10/644,052B  
 16 <141> CURRENT FILING DATE: 2003-08-19  
 18 <150> PRIOR APPLICATION NUMBER: US 60/404,479  
 19 <151> PRIOR FILING DATE: 2002-08-19  
 21 <150> PRIOR APPLICATION NUMBER: US 60/429,701  
 22 <151> PRIOR FILING DATE: 2002-11-27  
 24 <150> PRIOR APPLICATION NUMBER: US 60/447,377  
 25 <151> PRIOR FILING DATE: 2003-02-14  
 27 <150> PRIOR APPLICATION NUMBER: US 60/404,820  
 28 <151> PRIOR FILING DATE: 2002-08-19  
 30 <160> NUMBER OF SEQ ID NOS: 391  
 32 <170> SOFTWARE: PatentIn version 3.3  
 34 <210> SEQ ID NO: 1  
 35 <211> LENGTH: 17  
 36 <212> TYPE: DNA  
 37 <213> ORGANISM: Artificial sequence  
 39 <220> FEATURE:  
 40 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide  
 42 <400> SEQUENCE: 1  
 43 acgtcggtttt cgtcggtt  
 46 <210> SEQ ID NO: 2  
 47 <211> LENGTH: 16  
 48 <212> TYPE: DNA  
 49 <213> ORGANISM: Artificial sequence  
 51 <220> FEATURE:  
 52 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide  
 54 <400> SEQUENCE: 2  
 55 gcgtcgacgt cgacgc  
 58 <210> SEQ ID NO: 3  
 59 <211> LENGTH: 16  
 60 <212> TYPE: DNA  
 61 <213> ORGANISM: Artificial sequence  
 63 <220> FEATURE:  
 64 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide

CP9-6.77

17

16

## RAW SEQUENCE LISTING

DATE: 11/01/2006

PATENT APPLICATION: US/10/644,052B

TIME: 12:14:57

Input Set : A:\C1037.70048US00.revised.ST25.txt

Output Set: N:\CRF4\11012006\J644052B.raw

```

66 <400> SEQUENCE: 3
67 gcgtcggtttt cgtcgc 16
70 <210> SEQ ID NO: 4
71 <211> LENGTH: 19
72 <212> TYPE: DNA
73 <213> ORGANISM: Artificial sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
78 <400> SEQUENCE: 4
79 tccatgacgt tcctgatgc 19
82 <210> SEQ ID NO: 5
83 <211> LENGTH: 17
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
90 <400> SEQUENCE: 5
91 tcgtcggtttt cgtcggt 17
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 22
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
102 <400> SEQUENCE: 6
103 tcgtcggtttt cggcggccgc cg 22
106 <210> SEQ ID NO: 7
107 <211> LENGTH: 17
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
114 <400> SEQUENCE: 7
115 tcgtcggtttt cgtcggt 17
118 <210> SEQ ID NO: 8
119 <211> LENGTH: 16
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
126 <400> SEQUENCE: 8
127 tcgtcggtttc gtcggt 16
130 <210> SEQ ID NO: 9
131 <211> LENGTH: 17
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
138 <400> SEQUENCE: 9

```

## RAW SEQUENCE LISTING

DATE: 11/01/2006

PATENT APPLICATION: US/10/644,052B

TIME: 12:14:57

Input Set : A:\C1037.70048US00.revised.ST25.txt

Output Set: N:\CRF4\11012006\J644052B.raw

```

139 tcgtcgtttt cgtcgtt                                     17
142 <210> SEQ ID NO: 10
143 <211> LENGTH: 17
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
150 <400> SEQUENCE: 10
151 tcgtcgtttt cgtcgtt                                     17
154 <210> SEQ ID NO: 11
155 <211> LENGTH: 17
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
162 <400> SEQUENCE: 11
163 tcgtcgtttt cgtcgtt                                     17
166 <210> SEQ ID NO: 12
167 <211> LENGTH: 24
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
175 <220> FEATURE:
176 <221> NAME/KEY: misc_feature
177 <222> LOCATION: (3)..(3)
178 <223> OTHER INFORMATION: deazaguanine
180 <220> FEATURE:
181 <221> NAME/KEY: misc_feature
182 <222> LOCATION: (6)..(6)
183 <223> OTHER INFORMATION: deazaguanine
185 <400> SEQUENCE: 12
W--> 186 tcntcntttt gtcgttttgt cgtt                         24
189 <210> SEQ ID NO: 13
190 <211> LENGTH: 24
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
198 <220> FEATURE:
199 <221> NAME/KEY: misc_feature
200 <222> LOCATION: (3)..(3)
201 <223> OTHER INFORMATION: deazaguanine
203 <220> FEATURE:
204 <221> NAME/KEY: misc_feature
205 <222> LOCATION: (22)..(22)
206 <223> OTHER INFORMATION: deazaguanine
208 <400> SEQUENCE: 13
W--> 209 tcntcgtttt gtcgttttgt cntt                         24

```

## RAW SEQUENCE LISTING

DATE: 11/01/2006

PATENT APPLICATION: US/10/644,052B

TIME: 12:14:57

Input Set : A:\C1037.70048US00.revised.ST25.txt

Output Set: N:\CRF4\11012006\J644052B.raw

```

212 <210> SEQ ID NO: 14
213 <211> LENGTH: 22
214 <212> TYPE: DNA
215 <213> ORGANISM: Artificial sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
220 <400> SEQUENCE: 14
221 tcgccgtttt cggcgccgcg cg                                22
224 <210> SEQ ID NO: 15
225 <211> LENGTH: 21
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
232 <400> SEQUENCE: 15
233 tcgtcgtttt acgacgtcgc g                                21
236 <210> SEQ ID NO: 16
237 <211> LENGTH: 21
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
244 <400> SEQUENCE: 16
245 tcgtcgtttt acgacgtcgt g                                21
248 <210> SEQ ID NO: 17
249 <211> LENGTH: 24
250 <212> TYPE: DNA
251 <213> ORGANISM: Artificial sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
256 <400> SEQUENCE: 17
257 tcgtcgtttt acggcgccgc gccg                                24
260 <210> SEQ ID NO: 18
261 <211> LENGTH: 72
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
269 <220> FEATURE:
270 <221> NAME/KEY: misc_feature
271 <222> LOCATION: (1)..(10)
272 <223> OTHER INFORMATION: n is a, c, g, or t with a phosphorothioate link, and any 1-7
may
273         be absent
275 <220> FEATURE:
276 <221> NAME/KEY: misc_feature
277 <222> LOCATION: (11)..(30)
278 <223> OTHER INFORMATION: n is a, c, g, or t, and any 1-20 may be absent
280 <220> FEATURE:
281 <221> NAME/KEY: misc_feature

```

## RAW SEQUENCE LISTING

DATE: 11/01/2006

PATENT APPLICATION: US/10/644,052B

TIME: 12:14:57

Input Set : A:\C1037.70048US00.revised.ST25.txt

Output Set: N:\CRF4\11012006\J644052B.raw

```

282 <222> LOCATION: (43)..(62)
283 <223> OTHER INFORMATION: n is a, c, g, or t, and any 1-20 may be absent
285 <220> FEATURE:
286 <221> NAME/KEY: misc_feature
287 <222> LOCATION: (63)..(72)
288 <223> OTHER INFORMATION: n is a, c, g, or t with a phosphorothioate link, and any 1-7
may
289         be absent
291 <400> SEQUENCE: 18
W--> 292 nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn gtcgttgctg tttnnnnnnnnn nnnnnnnnnnnn      60
294 nnnnnnnnnnnn nn                                             72
297 <210> SEQ ID NO: 19
298 <211> LENGTH: 84
299 <212> TYPE: DNA
300 <213> ORGANISM: Artificial sequence
302 <220> FEATURE:
303 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
306 <220> FEATURE:
307 <221> NAME/KEY: misc_feature
308 <222> LOCATION: (1)..(10)
309 <223> OTHER INFORMATION: n is a, c, g, or t, with a phosphorothioate link, and any 1-
7 may
310         be absent
312 <220> FEATURE:
313 <221> NAME/KEY: misc_feature
314 <222> LOCATION: (11)..(30)
315 <223> OTHER INFORMATION: n is a, c, g, or t, and any 1-20 may be absent
317 <220> FEATURE:
318 <221> NAME/KEY: misc_feature
319 <222> LOCATION: (55)..(74)
320 <223> OTHER INFORMATION: n is a, c, g, or t, and any 1-20 may be absent
322 <220> FEATURE:
323 <221> NAME/KEY: misc_feature
324 <222> LOCATION: (75)..(84)
325 <223> OTHER INFORMATION: n is a, c, g, or t, with a phosphorothioate link, and any 1-
7 may
326         be absent
328 <400> SEQUENCE: 19
W--> 329 nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn gtcgttgctg ttgtcgttgt cgtnnnnnnn      60
331 nnnnnnnnnnnn nnnnnnnnnnnn nnnnnn                                             84
334 <210> SEQ ID NO: 20
335 <211> LENGTH: 90
336 <212> TYPE: DNA
337 <213> ORGANISM: Artificial sequence
339 <220> FEATURE:
340 <223> OTHER INFORMATION: Synthetic oligodeoxynucleotide
343 <220> FEATURE:
344 <221> NAME/KEY: misc_feature
345 <222> LOCATION: (1)..(10)
346 <223> OTHER INFORMATION: n is a, c, g, or t, with a phosphorothioate link, and any 1-
7 may
347         be absent
349 <220> FEATURE:

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/644,052B

DATE: 11/01/2006  
TIME: 12:14:58

Input Set : A:\C1037.70048US00.revised.ST25.txt  
Output Set: N:\CRF4\11012006\J644052B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:12; N Pos. 3, 6  
Seq#:13; N Pos. 3, 22  
Seq#:18; N Pos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23  
Seq#:18; N Pos. 24, 25, 26, 27, 28, 29, 30, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55  
Seq#:18; N Pos. 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 77  
Seq#:19; N Pos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23  
Seq#:19; N Pos. 24, 25, 26, 27, 28, 29, 30, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67  
Seq#:19; N Pos. 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84  
Seq#:20; N Pos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23  
Seq#:20; N Pos. 24, 25, 26, 27, 28, 29, 30, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73  
Seq#:20; N Pos. 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90  
Seq#:28; N Pos. 6, 19  
Seq#:51; N Pos. 11, 14  
Seq#:57; N Pos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23  
Seq#:57; N Pos. 24, 25, 26, 27, 28, 29, 30, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79  
Seq#:57; N Pos. 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96  
Seq#:58; N Pos. 19, 22  
Seq#:60; N Pos. 10  
Seq#:61; N Pos. 10  
Seq#:66; N Pos. 7, 8, 9, 15, 16, 17, 18  
Seq#:74; N Pos. 4, 18, 20  
Seq#:272; N Pos. 10  
Seq#:273; N Pos. 10  
Seq#:274; N Pos. 10  
Seq#:277; N Pos. 4, 18, 20  
Seq#:278; N Pos. 4, 18, 20  
Seq#:279; N Pos. 7, 8, 9, 15, 16, 17, 18  
Seq#:280; N Pos. 7, 8, 9, 15, 16, 17, 18  
Seq#:296; N Pos. 13, 14, 15, 16, 17, 18, 21, 22, 23, 24, 25, 26, 27  
Seq#:301; N Pos. 6, 7, 8, 9, 16, 17, 18, 19, 20, 23, 24, 25, 26, 27, 28, 29  
Seq#:302; N Pos. 6, 13, 16  
Seq#:303; N Pos. 6, 13, 16  
Seq#:306; N Pos. 7, 8, 9, 12, 15, 16, 17, 20  
Seq#:307; N Pos. 7, 8, 9, 12, 15, 16, 17, 20  
Seq#:308; N Pos. 12, 20  
Seq#:309; N Pos. 7, 8, 9, 15, 16, 17  
Seq#:311; N Pos. 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 23, 24, 25, 26, 27  
Seq#:312; N Pos. 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 23, 24, 25, 26, 27, 28  
Seq#:312; N Pos. 29, 30, 31, 32, 35, 36, 37, 38, 39  
Seq#:315; N Pos. 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 22, 23, 24  
Seq#:318; N Pos. 14, 15, 16, 17, 18, 19, 20, 21  
Seq#:331; N Pos. 4, 5, 8, 9, 14  
Seq#:332; N Pos. 6, 13  
Seq#:378; N Pos. 1, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/644,052B

DATE: 11/01/2006  
TIME: 12:14:58

Input Set : A:\C1037.70048US00.revised.ST25.txt  
Output Set: N:\CRF4\11012006\J644052B.raw

Seq#:379; N Pos. 1,8,9,10,11,12,13,14,15,16,17,18,19,20  
Seq#:380; N Pos. 1,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:381; N Pos. 1,8,9,10,11,12,13,14,15,16,17,18,19  
Seq#:382; N Pos. 1,8,9,10,11,12  
Seq#:383; N Pos. 1,8,9,10,11,12  
Seq#:384; N Pos. 1,10,11,12  
Seq#:385; N Pos. 1,10,11,12



## VERIFICATION SUMMARY

DATE: 11/01/2006

PATENT APPLICATION: US/10/644,052B

TIME: 12:14:58

Input Set : A:\C1037.70048US00.revised.ST25.txt

Output Set: N:\CRF4\11012006\J644052B.raw

L:186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0  
M:341 Repeated in SeqNo=18  
L:329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
M:341 Repeated in SeqNo=19  
L:366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0  
M:341 Repeated in SeqNo=20  
L:475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0  
L:762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0  
L:857 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:0  
M:341 Repeated in SeqNo=57  
L:882 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0  
L:912 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:0  
L:930 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:0  
L:1001 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:0  
L:1113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0  
L:3495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:272 after pos.:0  
L:3513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273 after pos.:0  
L:3531 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:274 after pos.:0  
L:3583 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:277 after pos.:0  
L:3611 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:278 after pos.:0  
L:3634 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:279 after pos.:0  
L:3657 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:280 after pos.:0  
L:3860 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:296 after pos.:0  
L:3936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:301 after pos.:0  
L:3964 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302 after pos.:0  
L:3992 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:303 after pos.:0  
L:4049 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:306 after pos.:0  
L:4082 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:307 after pos.:0  
L:4105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:308 after pos.:0  
L:4128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:309 after pos.:0  
L:4173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:311 after pos.:0  
L:4216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:312 after pos.:0  
L:4264 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:315 after pos.:0  
L:4307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:318 after pos.:0  
L:4479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:331 after pos.:0  
L:4502 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:332 after pos.:0  
L:5065 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:378 after pos.:0  
L:5088 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:379 after pos.:0  
L:5111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:380 after pos.:0  
L:5134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:381 after pos.:0  
L:5157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:382 after pos.:0  
L:5180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:383 after pos.:0  
L:5203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:384 after pos.:0  
L:5226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:385 after pos.:0  
L:5290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:389 after pos.:0  
M:341 Repeated in SeqNo=389

VERIFICATION SUMMARY

DATE: 11/01/2006

PATENT APPLICATION: US/10/644,052B

TIME: 12:14:58

Input Set : A:\C1037.70048US00.revised.ST25.txt

Output Set: N:\CRF4\11012006\J644052B.raw

L:5320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:390 after pos.:0  
M:341 Repeated in SeqNo=390